

## CLAIMS

1. A honey-based skin care preparation, characterized in that the honey is entrapped within an aqueous polymeric gel based on acrylic monomers or derivatives therefrom.
2. A skin care preparation according to claim 1, characterized in that the skin care preparation is suitable for healing wounds.
3. A skin care preparation according to claim 1, characterized in that the skin care preparation is suitable for cosmetic use.
4. A skin care preparation according to any one or more of the claims 1 - 3, characterized in that the skin care preparation comprises
- from 5 to 60 wt.% honey, and
  - from 30 to 95 wt.% polymeric gel
  - \* including 10-30 wt.% polymer, and
  - \* 10-30 wt.% water,
- based on the total amount of ingredients.
5. A skin care preparation according to any one or more of the claims 1 - 4, characterized in that the skin care preparation comprises a humectant in addition to honey and a polymeric gel.
6. A skin care preparation according to any one or more of the claims 1 - 3, characterized in that the skin care preparation comprises
- from 5 to 60 wt.% humectant,
  - from 5 to 60 wt.% honey, and
  - from 30 to 40 wt.% polymeric gel
  - \* including 10-30 wt.% polymer, and
  - \* 10-30 wt.% water,
- based on the total amount of ingredients.
7. A skin care preparation according to claim 5 or 6, characterized in that said humectant is glycerin.
8. A skin care preparation according to any one or more of the preceding claims, characterized in that the amount of honey ranges from

10 to 35%, based on the total amount of ingredients.

9. A skin care preparation according to any one or more of the claims 1 - 8, characterized in that one or more monomers comprising 2-acrylamido-2-methylpropane sulphonic acid, acrylic acid, acrylic acid (3-sulphopropyl)ester, a substituted derivative thereof or a salt thereof are used as acrylic monomers.

10. A skin care preparation according to any one or more of the claims 1 - 9, characterized in that one or more monomers comprising at least one of acrylamide or a mono- or di-N-alkylacrylamide or an analog compound thereof containing an alkyl or a substituted alkyl group combined with a carbon-carbon double binding via an amido- or alkylamido function are used as acrylic monomers.

11. A skin care preparation according to claim 10, characterized in that the analog compound is diacetone acrylamide, a vinyl lactam, an N-alkylated acrylamide, an N,N-dialkylated acrylamide, N-vinylpyrrolidone or acryloylmorpholin.

12. A skin care preparation according to any one or more of the claims 1 - 11, characterized in that the polymeric gel comprises 50 wt. % acrylamide and 50 wt. % water, based on the total amount of ingredients in the polymeric gel.

13. A skin care preparation according to any one or more of the claims 1 - 12, characterized in that said skin care preparation comprises one or more additional ingredients selected from the group of antioxidants, transretinoic acid and/or derivatives and precursors thereof, polyunsaturated fatty acids, n-hexacosanol, bis(maltolato)oxovanadium(IV), aloë vera or thickeners.

14. A skin care preparation according to claim 13, characterized in that the amount of additional components forms up to 40 wt.% of the total amount of ingredients.

15. A skin care preparation according to any one or more of the claims 1 - 14, characterized in that the honey has a peroxide number of

more than 5 µg/g honey/hour, measured at a temperature of 21 °C.

16. A skin care preparation according to any one of the claims 1 - 15, characterized in that the honey has an LPS content of 14-130 EU/ml.

5 17. A skin care preparation according to any one or more of the preceding claims, characterized in that the honey is subjected to a sterilisation treatment when used for healing wounds.

18. A skin care preparation according to claim 17, characterized in that said sterilisation treatment is carried out by  
10 means of gamma rays.

19. A skin care preparation according to any one or more of the preceding claims, characterized in that said skin care preparation takes the form of a supple gel plate having a thickness of about 0.2-2 mm.